

Abstract (Basic) : JP 62094914

Capacitor mfr. comprises (a) laminating a valve-functioning metal foil on one or both sides of an insulating material, (b) forming an anodic oxide film on the metal laminate foil, (c) coating a TCNQ complex on the anodic oxide film by vacuum evapn. plating to form an organic semiconductor film, (d) coating a metal on the organic semiconductor film by sputtering to form a cathode film to obtain a basic element and (e) coiling the basic element and providing electrode lead parts on both ends of the coiled element.

The insulating material is made of a plastic sheet. The TCNQ complex includes 2,2'-bipyridinium (TCNQ)<sub>2</sub>, 4-hydroxy-N-benzylanilinium (TCNQ)<sub>2</sub>, etc. etc.

USE/ADVANTAGE- the capacitor has no spacer but has a TCNQ complex-contg. Organic semiconductor film. Temp. stability is improved. @ (8pp Dwg.No.0/4) @  
Darwent Class: E14; L03; V01; E13; R42;

## MANUFACTURE OF TOROIDAL ELECTROLYTIC CAPACITOR

**Patent number:** JP62094914  
**Publication date:** 1987-05-01  
**Inventor:** SAKAMOTO KIYOSHI; NARISAWA KUMIKO  
**Applicant:** NAGAI DENSHI KOGYO KYODO KUMIA  
**Classification:**  
**- international:** H01G9/02; H01G9/05; H01G9/24  
**- european:**  
**Application number:** JP19850235935 19851021  
**Priority number(s):** JP19850235935 19851021

Abstract not available for JP62094914

---

Data supplied from the **esp@cenet** database - Worldwide